

Permit to Operate

FACILITY: C-1179

EXPIRATION DATE: 08/31/200

LEGAL OWNER OR OPERATOR: SPRECKELS SUGAR COMPANY

MAILING ADDRESS: P O BOX 68
MENDOTA, CA 93640

FACILITY LOCATION: 29400 W WHITESBRIDGE RD
MENDOTA, CA 93640

FACILITY DESCRIPTION: BEET SUGAR MANUFACTURING

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

DAVID L. CROW

Executive Director / APCO

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Director of Permit Services

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1179-0-1

EXPIRATION DATE: 08/31/2003

EQUIPMENT DESCRIPTION:

PERMIT UNIT REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)], [Federally Enforceable Through Title V]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (7/21/94). [District Rule 2010, 3.0 and 4.0; 2020; and County Rule 201 (in all eight counties in the San Joaquin Valley)]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031]
7. Every application for a permit required under Rule 2010 (12/17/92) (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520(6/15/95) [District Rules 2520, 9.6.2 and 1100, 7.0]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8]
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.2]

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14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (12/17/92), by using EPA method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repackage such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1 (12/17/92)), nor manufacture, blend, or repackage such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601 (12/17/92). [District Rule 4601, 5.2]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2 (12/17/92). [District Rule 4601, 6.1 and 6.2]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.14.1 and 10.0]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B]
31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 (4/25/96) unless specifically exempted under section 4 of Rule 8020 (4/25/96). [District Rule 8020]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030 (4/25/96), unless specifically exempted under section 4 of Rule 8030 (4/25/96). [District Rule 8030]

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33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after December 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 (4/25/96) unless specifically exempted under section 4 of Rule 8060 (4/25/96). [District Rule 8060]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permit shall apply. [District Rule 2520, 9.1.1]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), Rules 201, 202, 203, 204, 208, and 209 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin), Rule 410.1 (Kern), and Rule 423 (Kern, Fresno, Stanislaus, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2]
40. When applicable to 40 CFR Part 68, a subject facility shall submit to the proper authority a Risk Management Plan, and comply with all the requirements of Program 1, 2 or 3 when mandated by the regulation. [40 CFR 68], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1179-1-1

EXPIRATION DATE: 08/31/2003

EQUIPMENT DESCRIPTION:

2.4 MMBTU/HR BEET SUGAR MANUFACTURING PROCESS WITH FIRST CARBONATION, SETTLING AND FILTRATION; SECOND CARBONATION, SULFATATION, CARBON ABSORPTION, CRYSTALLINE SUGAR MELTING, SUGAR DRYING, CARBON REGENERATION WITH VENTRISLOT SCRUBBER.

PERMIT UNIT REQUIREMENTS

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1. Maintain Venturi throat pressure differential at a minimum of 14" of water. [District Rule 4102, 4.1]
 2. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 3. Annual source testing at the carbonator stacks shall be performed using EPA Method 5 to demonstrate compliance with PM emission limits, except as provided below. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 4. All required source testing shall conform to the compliance testing procedures described in District Rule 1081 (12/16/93). [District Rule 1081], [Federally Enforceable Through Title V]
 5. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 (12/17/92) using the equation $E = 3.59P^{0.62}$ ($P < 30$ tph) or $E = 17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202], [Federally Enforceable Through Title V]
 6. The scrubber liquid-to-gas ratio shall be observed and recorded weekly during operation of this unit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 7. Minimum scrubber recirculation liquid-to-gas ratio shall be established and recorded during the first annual source test. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Source testing to demonstrate compliance with PM emission limits shall be conducted not less than every 36 months if compliance is demonstrated on two consecutive annual tests. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 9. If permittee fails any compliance demonstration for PM, testing shall return to an annual basis. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 10. Records of scrubber liquid-to-gas ratio shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 11. Visible emissions from the exhaust stack shall be checked weekly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If excessive visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. Emissions for this unit shall be calculated using the arithmetic mean, pursuant to District Rule 1081 (12/16/93), of 3 one-hour test runs for PM₁₀. This mean shall be multiplied by the appropriate factor to determine compliance with the emission limits. [District Rule 2520, 9.4.2, District Rule 4305, 5.0, 8.2 and/or 4351, 8.1], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1179-2-1

EXPIRATION DATE: 08/31/2003

EQUIPMENT DESCRIPTION:

40 MMBTU/HR STEFFEN LIME PROCESSING INCLUDING ROTARY DRUM LIME KILN DIRECT-FIRED COEN OIL BURNER USING #6 FUEL OIL OR NATURAL GAS, EXHAUSTING TO WATER SPRAY SCRUBBER, PEABODY TRAY SCRUBBER, AND TO CARBONATION TANK.

PERMIT UNIT REQUIREMENTS

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1. Maintain daily records of fuel oil consumption and percent of sulfur in each batch of fuel oil. Records shall be retained on site for at least five years and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 2. When firing on natural gas, emissions shall not exceed 0.035 lb CO/MMBtu, 0.140 lb NOx/MMBtu, 0.031 lb PM10/MMBtu, 0.0006 lb SOx/MMBtu, nor 0.003 lb VOC/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Sulfur content of #6 fuel oil shall not exceed 1.5% by weight. [District NSR Rule], [Federally Enforceable Through Title V]
 4. #6 fuel oil consumption shall not exceed 1.57 million gallons per year. [District NSR Rule], [Federally Enforceable Through Title V]
 5. All emissions from this unit shall be vented to C-1179-1. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
 7. Scrubber sprays and/or nozzles shall be maintained in optimum working condition. [District NSR Rule], [Federally Enforceable Through Title V]
 8. When firing on #6 fuel oil, emissions shall not exceed 0.033 lb CO/MMBtu, 0.367 lb NOx/MMBtu, 0.031 lb PM10/MMBtu, 1.57 lb SOx/MMBtu, nor 0.002 lb VOC/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1179-3-1

EXPIRATION DATE: 08/31/2003

EQUIPMENT DESCRIPTION:

100.0 MMBTU/HR STANDBY GAS FIRED FURNACE WITH STANDBY OIL CAPABILITY; FOR BEET PULP DRYING, COOLING, AND STORAGE, SERVED BY TWO CYCLONE SEPARATORS AND TWO SIZE 48-D-JOY TURBULAIRE WET SCRUBBERS.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grain/dscf [District Rule 4201, 3.1 and Fresno County Rule 404], [Federally Enforceable Through Title V]
2. Copies of all fuel invoices, gas purchase contracts, supplier certifications, and test results used to determine compliance with the conditions of this permit shall be maintained. Operator shall record daily amount and type(s) of fuel(s) combusted and all dates on which unit is fired on any noncertified fuel and record specific type of noncertified fuel used. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
3. Source testing shall be performed using EPA Method 5 (front and back half-catch) to demonstrate compliance with PM emission limits during the first year of operation under this permit. Source testing shall be required in each subsequent year in which this unit operates 720 hours or more. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
4. If the unit is fired on noncertified liquid fuel and compliance with SOx emission limits is achieved through fuel sulfur content limitations, then the sulfur content of each batch delivered of the liquid fuel being fired in the unit shall be determined using ASTM D2880-71. If the unit is fired on certified liquid fuel, certification for each batch delivered shall be obtained and maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
5. The concentration of sulfur compounds in the exhaust from this unit shall not exceed 0.2% by volume as measured on a dry basis over a 15 minute period [District Rule 4801 and Fresno County Rule 406], [Federally Enforceable Through Title V]
6. Beet pulp drying shall be limited to solar drying except for periods of inclement weather or maintenance periods. However, in the event of total solar slab operation shutdown, the beet dryer may be operated at permitted capacity. [District Rule 4102]
7. Daily records of fuel consumption and % of sulfur in oil shall be maintained. [District Rule 2520, Section 9.4.2], [Federally Enforceable Through Title V]
8. Water level must be visible at all times in Turbulaire sight glasses. [District Rule 4201], [Federally Enforceable Through Title V]
9. Fuel consumption shall not exceed 5,270,000 gallon/year of fuel oil. [District Rule 4801], [Federally Enforceable Through Title V]
10. All required source testing shall conform to the compliance testing procedures described in District Rule 1081. [District Rule 1081 and Fresno County Rule 108.1], [Federally Enforceable Through Title V]
11. The sulfur content of the No. 6 fuel oil shall not exceed 1.5% by weight. [District Rule 4801], [Federally Enforceable Through Title V]
12. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202], [Federally Enforceable Through Title V]
13. Scrubber liquid-to-gas ratio shall be observed and recorded weekly during operation of this unit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. Minimum scrubber recirculation liquid-to-gas ratio shall be established and recorded during the first source test after Title V permit issuance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Records of scrubber liquid-to-gas ratio shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. Visible emissions from the exhaust stack shall be checked weekly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If excessive visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. Emissions for this unit shall be calculated by using the arithmetic mean, pursuant to District Rule 1081 (12/16/93), of 3 one-hour test runs for PM10. This mean shall be multiplied by the appropriate factor to determine compliance with the emission limits. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1179-4-2

EXPIRATION DATE: 08/31/2003

EQUIPMENT DESCRIPTION:

2.0 MMBTU/HR SUGAR STORAGE AND EXHAUST SYSTEM WITH CONVEYORS AND SIX STORAGE BINS FOR DRY GRANULATED SUGAR SERVED BY BIN VENT FILTERS AND BAGHOUSES.

PERMIT UNIT REQUIREMENTS

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1. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
 2. Particulate matter emissions shall not exceed 0.1 grain/dscf [District Rule 4201, 3.1 and Fresno County Rule 404], [Federally Enforceable Through Title V]
 3. Dust collector filters shall be inspected weekly while in operation for evidence of particulate matter breakthrough and replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 4. Dust collector filters shall be inspected monthly while not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 5. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 6. Visible emissions from the exhaust stack shall be checked weekly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If excessive visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1179-5-0

EXPIRATION DATE: 08/31/2003

EQUIPMENT DESCRIPTION:

BEET PULP DRYING OPERATION WITH ONE 50 ACRE SOLAR DRYING ASPHALT SLAB, ONE 28,000 SQ. FT. ASPHALT HANDLING PAD AND ONE 30" BY 80' LONG BELT CONVEYOR. **DELETED DUE TO UNCONTROLLED EMISSIONS <2 LB/DAY, SN 08/08/97**

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. Beet pulp drying shall be limited to solar drying except for periods of inclement weather or maintenance periods. However, in the event of total solar slab operation shutdown, the beet pulp dryer (C-1197-3-0) may be operated at permitted capacity. []

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1179-6-4

EXPIRATION DATE: 08/31/2003

EQUIPMENT DESCRIPTION:

311 MMBTU/HR COMBUSTION ENGINEERING BOILER, MODEL VU60 NO.0516, EQUIPPED WITH FOUR COEN 4-DAF-30 LOW NOX GAS/OIL BURNERS AND A FLUE GAS RECIRCULATION SYSTEM.

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Sulfur content of fuel oil shall not exceed 1.5% by weight. [District NSR Rule], [Federally Enforceable Through Title V]
3. Fuel oil usage shall not exceed 336 cumulative hours per calendar year nor 48 hours per calendar year for equipment testing. [District NSR Rule and District Rule 4351, 4.2], [Federally Enforceable Through Title V]
4. Owner/operator shall record cumulative annual hours of operation on fuel oil. Records shall be retained for at least 5 years and shall be made available to the District upon request. [District Rules 2520, 9.4.2; 4305; 4351], [Federally Enforceable Through Title V]
5. Flue gas recirculation system shall be operated in accordance with the manufacturer's specifications whenever the boiler is operating. [District NSR Rule], [Federally Enforceable Through Title V]
6. Continuous Emissions Monitoring (CEM) equipment shall be in place and operating whenever the boiler is operating. NOx (as NO2) and O2 must be recorded continuously. [District Rule 1080], [Federally Enforceable Through Title V]
7. Operation, calibration and data reduction for the CEM equipment shall be in accordance with the requirements of 40 CFR, Appendix P of Part 51 and Appendix B of Part 60. [District Rule 1080], [Federally Enforceable Through Title V]
8. CEM equipment must be linked to a data logger which is compatible with the District's data acquisition system. [District NSR Rule], [Federally Enforceable Through Title V]
9. CEM records shall be retained for at least 5 years. Records shall include occurrence and duration of start-up, shutdown or malfunction; performance testing, calibrations, checks, and maintenance of CEM; and emission measurements. [District Rule 1080], [Federally Enforceable Through Title V]
10. Daily summaries of CEM records for each calendar quarter shall be submitted to the District within 30 days of the end of the calendar quarter. Hourly fuel stack gas flow rates and/or hourly fuel flow rates shall be measured during operation and included in quarterly reports. [District Rule 1080], [Federally Enforceable Through Title V]
11. A report shall be submitted to the District within 30 days of the end of each calendar quarter identifying the time and date of each exceedance of emission limits, the excess emissions generated, and any conversion factor used to calculate emissions. [District Rule 1080], [Federally Enforceable Through Title V]
12. The quarterly report shall identify each period of excess emissions that occurs during startups, shutdowns, or malfunctions. The nature and cause of each malfunction, corrective action taken, and preventative measures adopted shall also be reported. [District Rule 1080], [Federally Enforceable Through Title V]
13. Owner/operator shall demonstrate full compliance with the requirements of Rule 4305 (last amended December 19, 1996) and Rule 4351 (last amended October 19, 1995) by December 16, 1997. [District Rules 4305 and 4351]
14. When firing on natural gas, CO emissions shall not exceed 400 ppmv @ 3% O2, 0.036 lb NOx/MMBtu (or 30 ppmv @ 3% O2), 0.005 lb PM10/MMBtu, 0.001 lb SOx/MMBtu, nor 0.002 lb VOC/MMBtu. [District Rule 4305 and District NSR Rule], [Federally Enforceable Through Title V]
15. When firing on fuel oil, emissions shall not exceed 0.009 lb CO/MMBtu, 0.535 lb NOx/MMBtu, 0.04 lb PM10/MMBtu, 1.273 lb SOx/MMBtu, nor 0.002 lb VOC/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
16. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
17. This unit shall be tested for compliance with natural gas CO and NOx emission limits at least once every 12 months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every 36 months. [District Rule 2520, 9.4.2; District Rule 4305], [Federally Enforceable Through Title V]
18. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]

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19. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
20. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 1081], [Federally Enforceable Through Title V]
21. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rule 1081], [Federally Enforceable Through Title V]
22. Stack gas oxygen for source test purposes shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 1081], [Federally Enforceable Through Title V]
23. Stack gas velocities for source test purposes shall be determined using EPA Method 2. [District Rule 1081], [Federally Enforceable Through Title V]
24. Stack gas moisture content for source test purposes shall be determined using EPA Method 4. [District Rule 1081], [Federally Enforceable Through Title V]
25. Fuel hhv for source test purposes shall be certified by a third party fuel supplier or determined using ASTM D 1826-88 or D 1945-81 in conjunction with ASTM D 3588-89 for gaseous fuels, or ASTM D 240-87 or D 2382-88 for liquid hydrocarbon fuels. [District Rule 1081], [Federally Enforceable Through Title V]
26. Emissions measurements for compliance determination shall be averaged in accordance with the requirements of 40 CFR Part 60.13. [District Rule 1081], [Federally Enforceable Through Title V]
27. Copies of all fuel invoices, gas purchase contracts, supplier certifications, and test results used to determine compliance with the conditions of this permit shall be maintained. The operator shall record daily amount and type(s) of fuel(s) combusted and all dates on which unit is fired on any noncertified fuel [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
28. When complying with sulfur emission limits by fuel analysis or by a combination of source testing and fuel analysis, each fuel source shall be tested weekly for sulfur content and higher heating value. If compliance with the fuel sulfur content limit and sulfur emission limits has been demonstrated for 8 consecutive weeks for a fuel source, then the fuel testing frequency shall be semi-annually. If a semi-annual fuel content source test fails to show compliance, weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
29. When complying with SOx emission limits by testing of stack emissions, testing shall be performed not less than once every 12 months using EPA Method 6B; or Method 8; or, for units using gaseous fuel scrubbed for sulfur pre-combustion, a grab sample analysis by GC-FPD/TCD performed in the laboratory and EPA Method 19 to calculated emissions. Units demonstrating compliance on two consecutive annual source tests shall be tested not less than once every thirty-six months, however annual source testing shall resume if any test fails to show compliance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
30. If the unit is fired on noncertified gaseous fuel and compliance with SOx emission limits is achieved through fuel sulfur content limitations, then the sulfur content of the gaseous fuel being fired in the unit shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
31. If the unit is fired on noncertified liquid fuel and compliance with SOx emission limits is achieved through fuel sulfur content limitations, then the sulfur content of each batch delivered of the liquid fuel being fired in the unit shall be determined using ASTM D2880-71. If the unit is fired on certified liquid fuel, certification for each batch delivered shall be obtained and maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
32. The concentration of sulfur compounds in the exhaust from this unit shall not exceed 0.2% by volume as measured on a dry basis over a 15 minute period [District Rule 4801 and Fresno County Rule 406], [Federally Enforceable Through Title V]
33. If the unit is fired on fuel oil for more than 336 hours in any one calendar year, source testing shall be performed using EPA Method 5 while firing on fuel oil to demonstrate compliance with PM emission limits. If source testing is required, it shall be performed within 60 days of firing on oil. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
34. A violation of emission standards indicated by the CEMS shall be reported by the operator to the APCO within 96 hours. [District Rule 1080; Fresno County Rule 108], [Federally Enforceable Through Title V]
35. Operator shall notify the APCO no later than eight hours after the detection of a breakdown of the CEM. Operator shall inform the APCO of the intent to shut down the CEM at least 24 hours prior to the event. [District Rule 1080; Fresno County Rule 108], [Federally Enforceable Through Title V]
36. To demonstrate compliance with District Rule 4801 (12/17/92), the operator shall do one of the following: fire the unit only on PUC or FERC regulated natural gas; or test the sulfur content of each fuel source and demonstrate the sulfur content does not exceed 1.2% by weight for No. 6 fuel oil; or determine that the concentration of sulfur compounds in the exhaust does not exceed the concentration limit by a combination of source testing and fuel analysis. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
37. To demonstrate compliance with the District NSR Rule for SOx, the operator shall either fire the unit on PUC regulated natural gas or shall test the sulfur content of each fuel source and determine the maximum sulfur content of each fuel in units of lb/MMBtu and then calculating the resultant emissions in units of lb SOx/MMBtu. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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38. When firing on fuel oil, daily visible emissions tests using EPA method 9 shall be required. If compliance is demonstrated for 10 consecutive days, the test frequency shall be weekly. If the unit fails any weekly visible emissions test, test frequency shall return to daily. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
39. Emissions for this unit shall be calculated by using the arithmetic mean, pursuant to District Rule 1081 (12/16/93), of 3 one-hour test runs for PM10; and the arithmetic mean of 3 forty-minute test runs for NOx and CO. This mean shall be multiplied by the appropriate factor to determine compliance with the emission limits. [District Rule 2520, 9.4.2; District Rule 4305, 5.0, 8.2 and/or 4351, 8.1], [Federally Enforceable Through Title V]

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1179-7-3

EXPIRATION DATE: 08/31/2003

EQUIPMENT DESCRIPTION:

26.3 MMBTU/HR ZURN PACKAGE WATER TUBE BOILER, 20,000 LB STEAM/HR @ 300 PSI WITH ONE RING TYPE SAGO NATURAL GAS BURNER, MODEL 18 S/N 3450 AND ONE STEAM ATOMIZING FUEL OIL BURNER # 8004-1576.

PERMIT UNIT REQUIREMENTS

1. All required source testing shall conform to the compliance testing procedures described in District Rule 1081. [District Rule 1081 and Fresno County Rule 108.1], [Federally Enforceable Through Title V]
2. Copies of all fuel invoices, gas purchase contracts, supplier certifications, and test results used to determine compliance with the conditions of this permit shall be maintained. The operator shall record daily amount and type(s) of fuel(s) combusted and all dates on which unit is fired on any noncertified fuel [District Rule 2520, 9.4.2 and 40 CFR 60.48c(g)], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall not exceed 0.1 grain/dscf, 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rules 4201, 3.1 and 4301, 5.1 and 5.2.3 and Fresno County Rules 404 and 408], [Federally Enforceable Through Title V]
4. Emissions of sulfur compounds from this unit shall not exceed 200 lb per hour, calculated as SO₂. Compliance with this requirement may be demonstrated by firing the unit only on PUC or FERC regulated natural gas or on diesel fuel not exceeding 0.4% sulfur by weight; or by testing the sulfur content of each fuel and determining the maximum hourly emissions of sulfur compounds by multiplying the sulfur content of each fuel in lb/MMBtu by the maximum heat input rating of the unit; or by source testing in combination with fuel analysis. [District Rules 2520, 9.4.2 and Rule 4301, 5.2.1 and Fresno County Rule 408], [Federally Enforceable Through Title V]
5. The sulfur content of oil combusted in this unit shall not exceed 0.4% by weight. Compliance with this limit may be determined by supplier certification or fuel testing. [District NSR Rule and 40 CFR 60.42c(d)], [Federally Enforceable Through Title V]
6. When complying with sulfur emission limits by fuel analysis or by a combination of source testing and fuel analysis, each batch of liquid fuel delivered shall be tested for sulfur content and higher heating value. Sulfur content shall be determined using ASTM D2880-71. If the unit is fired on certified liquid fuel, certification for each batch delivered shall be obtained and maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. When complying with SO_x emission limits by testing of stack emissions, testing shall be performed not less than once every 12 months using EPA Method 6B; or Method 8; or, for units using gaseous fuel scrubbed for sulfur pre-combustion, a grab sample analysis by GC-FPD/TCD performed in the laboratory and EPA Method 19 to calculated emissions. Units demonstrating compliance on two consecutive annual source tests shall be tested not less than once every thirty-six months, however annual source testing shall resume if any test fails to show compliance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. If the unit is fired on noncertified gaseous fuel and compliance with SO_x emission limits is achieved through fuel sulfur content limitations, then the sulfur content of the gaseous fuel being fired in the unit shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. If the unit is fired on non-certified liquid fuel and compliance with SO_x emission limits is achieved through fuel sulfur content limitations, then the sulfur content of the liquid fuel being fired in the unit shall be determined using ASTM D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. If fuel analysis is used to demonstrate compliance with conditions of this permit, the fuel higher heating value for each fuel shall be certified by a third party fuel supplier or determined by: ASTM D 240-87 or D 2382-88 for liquid hydrocarbon fuels; ASTM D 1826-88 or D 1945-81 in conjunction with ASTM D 3588- 89 for gaseous fuels. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. Distillate oil supplier certification of sulfur content shall include the name of oil supplier and a statement that the oil complies with the specification for fuel oil numbers 1 or 2, as defined by ASTM D396-78, Standard Specification for Fuel Oils. [40 CFR 60.48c(f)(1)], [Federally Enforceable Through Title V]
12. Operator of fuel oil fired units shall submit the following to the APCO as applicable: 1) performance test data, pursuant to 40 CFR 60.48c(b), 2) quarterly excess emission reports or a semi annual report stating no excess emissions occurred, pursuant to 40 CFR 60.48c(c), and 3) quarterly reports pursuant to 40 CFR 60.48c(d) and (e). [40 CFR 60.48c], [Federally Enforceable Through Title V]
13. The boiler shall be fired by natural gas when that fuel is available. No. 2 fuel oil may be used as an alternate fuel when natural gas is not available. [District NSR Rule], [Federally Enforceable Through Title V]
14. Daily emission limit when using natural gas shall not exceed: PM₁₀ - 3.12 lb/day, SO_x - 0.36 lb/day, NO_x - 87.3 lb/day, CO - 45.0 lb/day, VOC - 3.61 lb/day [District NSR Rule], [Federally Enforceable Through Title V]

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15. Daily emission limit when using fuel oil shall not exceed: PM10 - 16.2 lb/ day, SOx - 260.0 lb/day, NOx - 237.0 lb/day, CO - 58.0 lb/day, VOC - 7.0 lb/day [District NSR Rule], [Federally Enforceable Through Title V]
16. The concentration of sulfur compounds in the exhaust from this unit shall not exceed 0.2% by volume as measured on a dry basis over a 15 minute period [District Rule 4801 and Fresno County Rule 406], [Federally Enforceable Through Title V]
17. To demonstrate compliance with District Rule 4801 (12/17/92) and 40 CFR 60.42d(c), the operator shall do one of the following: fire the unit only on PUC or FERC regulated natural gas or diesel fuel not exceeding 0.4% sulfur by weight; or test the sulfur content of each fuel source and demonstrate the sulfur content does not exceed 3.3% by weight for gaseous fuels or 0.4% by weight for fuel oil; or determine that the concentration of sulfur compounds in the exhaust does not exceed the concentration limit by a combination of source testing and fuel analysis. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
18. Operator shall perform annual source testing for NOX (ppmv) according to EPA Method 7E or ARB Method 100, stack gas oxygen according to EPA Method 3 or 3A or ARB Method 100, CO (ppmv) according to EPA Method 10 or ARB Method 100, NOX emission rate (heat input basis) according to EPA Method 19, stack gas velocities according to EPA Method 2, and stack gas moisture content according to EPA Method 4. If compliance is shown for 2 consecutive years, gaseous fired units shall test not less than once every 36 months. Annual source testing shall resume if any test fails to show compliance. [District Rule 2520, 9.4.2; District Rule 4305, 6.2.2-7; District Rule 4351, 6.2.2-7, 6.3], [Federally Enforceable Through Title V]
19. Emissions for this unit shall be calculated by using the arithmetic mean, pursuant to District Rule 1081 (12/16/93), of 3 one-hour test runs for PM10; and the arithmetic mean of 3 forty-minute test runs for NOx and CO. This mean shall be multiplied by the appropriate factor to determine compliance with the emission limits. [District Rule 2520, 9.4.2; District Rule 4305, 5.0, 8.2 and/or 4351, 8.1], [Federally Enforceable Through Title V]
20. Source testing performed by the operator to determine compliance with emission limits shall be made with the unit operating at a normal firing rate, air-to-fuel ratio, and fuel quality. [District Rule 4305, 5.5.2; District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
21. When firing on fuel oil, daily visible emissions tests using EPA Method 9 shall be required. If compliance is demonstrated for 10 consecutive days, the testing frequency shall be weekly. If the unit fails any weekly visible emissions test, test frequency shall return to daily. [District NSR Rule], [Federally Enforceable Through Title V]
22. If the unit is fired on fuel oil for more than 336 hours in any one calendar year, source testing shall be performed using EPA Method 5 while firing on fuel oil to demonstrate compliance with PM emission limits. If source testing is required, it shall be conducted within 60 days of firing on oil. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1179-9-1

EXPIRATION DATE: 08/31/2003

EQUIPMENT DESCRIPTION:

1200 LB SAND/HR SAND BLASTING OPERATION IN A BUILDING 20'L X 25'W X 18'H. AIR POLLUTION CONTROL EQUIPMENT INCLUDES THE TIGHTLY SEALED BUILDING AND ONE BAGHOUSE WITH ASSOCIATED VENTILATION FAN AND DUCTWORK. RATING: 5 HP.

PERMIT UNIT REQUIREMENTS

1. The blasting operations shall be carried out in a manner to prevent any nuisances. [District Rule 4102]
2. The sand employed for blasting shall not be reused under any circumstances. [District Rule 4102]
3. All doors or other openings shall be closed during sandblasting operations to reduce fugitive emissions. [District Rule 4102]
4. The Micropul Baghouse shall be operational and shall be in use during all sandblasting operations. [District NSR Rule], [Federally Enforceable Through Title V]
5. PM-10 emissions shall not exceed 3 lb per day. [District NSR Rule], [Federally Enforceable Through Title V]
6. Sand usage shall not exceed 210,000 lbs of #30 sand blasting sand per year and not more than 7,120 lbs per day [District NSR Rule], [Federally Enforceable Through Title V]
7. Daily records of sand used and associated quantities shall be maintained. These records are to be maintained on site at all times and shall be made available to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Visible emissions from the exhaust stack shall be checked weekly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If excessive visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1179-10-1

EXPIRATION DATE: 08/31/2003

EQUIPMENT DESCRIPTION:

155 BHP DETROIT DIESEL I.C. ENGINE MODEL #PTA-1SD-50, SERIAL #350466 POWERING AN EMERGENCY FIRE PUMP

PERMIT UNIT REQUIREMENTS

1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
4. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
5. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
10. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102, 4.0]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1179-11-1

EXPIRATION DATE: 08/31/2003

EQUIPMENT DESCRIPTION:

155 BHP DETROIT DIESEL I.C. ENGINE MODEL #PTA-1SD-50, SERIAL #350824 POWERING AN EMERGENCY FIRE PUMP

PERMIT UNIT REQUIREMENTS

1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
4. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
5. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
10. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102, 4.0]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1179-13-1

EXPIRATION DATE: 08/31/2003

EQUIPMENT DESCRIPTION:

50 HP UNCONFINED METAL PARTS SPRAY PAINT OPERATION WITH HVLP APPLICATOR AND A COMPRESSOR.

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Maintain daily records of the volume and VOC content of coatings and solvents applied, and the total quantity of VOCs emitted in pounds. The records shall be made available to the District upon request. [District Rule 4603, 6.2], [Federally Enforceable Through Title V]
3. Records shall be kept in accordance with Rule 4603 (Surface Coating of Metal Parts and Products). [District Rule 4603, 6.2], [Federally Enforceable Through Title V]
4. The VOC emissions rate shall not exceed 15.0 lbs/day. [District Rule 4603, 4.1], [Federally Enforceable Through Title V]

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